

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128102.D
 Acq On : 05 May 2022 18:54
 Operator : CG\JU
 Sample : N2672-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 05:02:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	94754	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	375897	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	226306	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	404776	20.000	ng	0.00
76) Chrysene-d12	14.080	240	241385	20.000	ng	-0.01
86) Perylene-d12	15.580	264	212981	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	634743	106.698	ng	0.00
7) Phenol-d6	6.534	99	849818	110.092	ng	-0.01
23) Nitrobenzene-d5	7.469	82	604650	75.641	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	256452	112.570	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	977260	73.055	ng	0.00
79) Terphenyl-d14	13.027	244	1032923	78.247	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.904	142	39752	3.142	ng	98
38) 1-Methylnaphthalene	9.004	142	30370	2.469	ng	95
71) Phenanthrene	11.463	178	70746m	3.339	ng	
75) Fluoranthene	12.651	202	94364	4.232	ng	99
78) Pyrene	12.886	202	82201	4.219	ng	98
88) Benzo(b)fluoranthene	15.139	252	31049m	2.321	ng	
90) Benzo(a)pyrene	15.515	252	22825	2.057	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

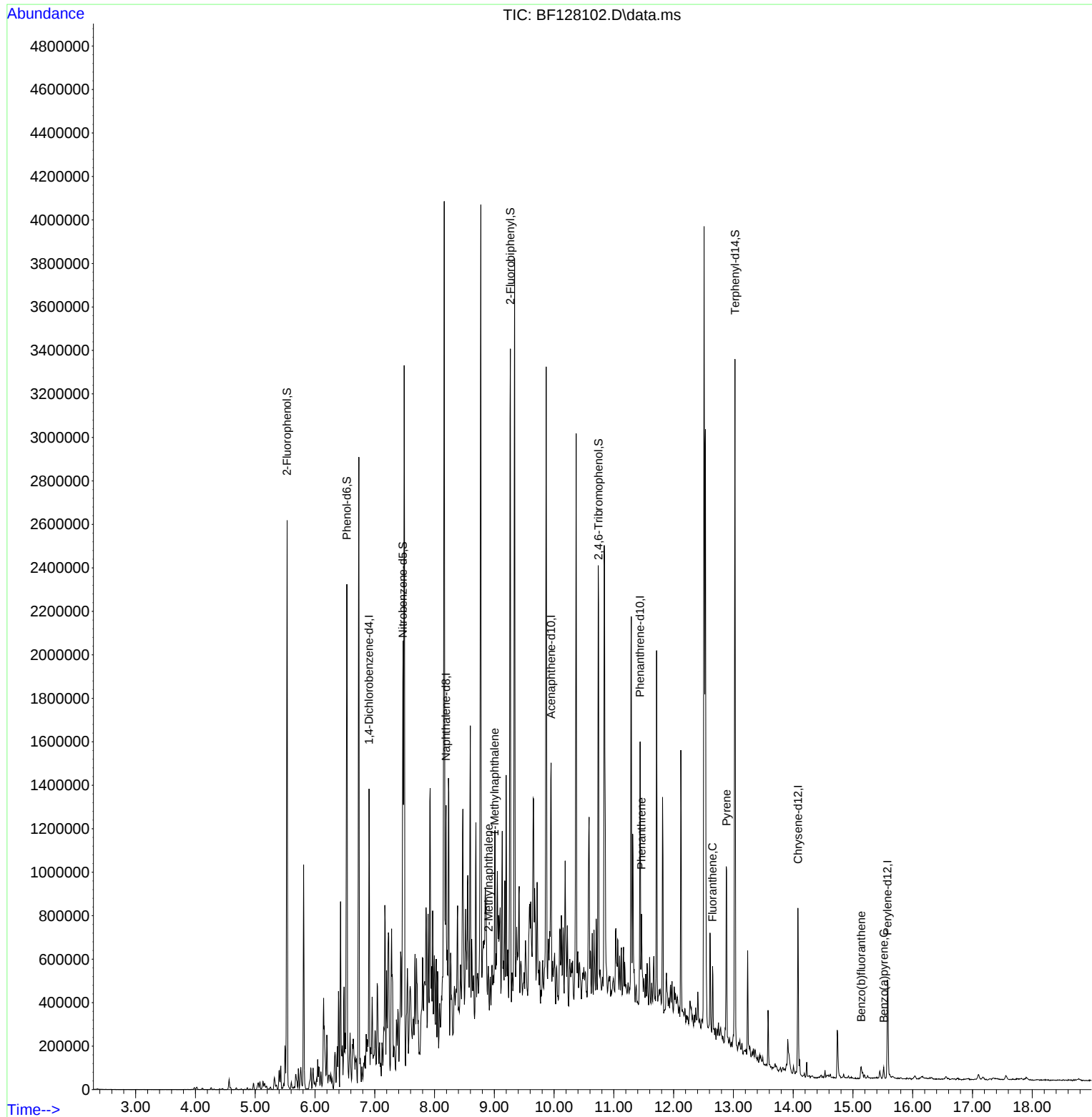
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
Operator : CG\JU
Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

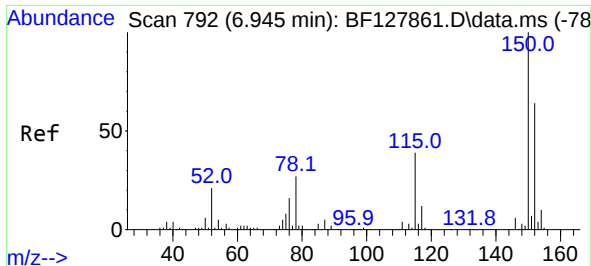
Instrument :
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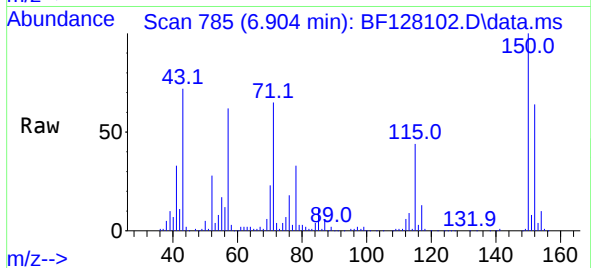
Quant Time: May 06 05:02:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 17:56:23 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

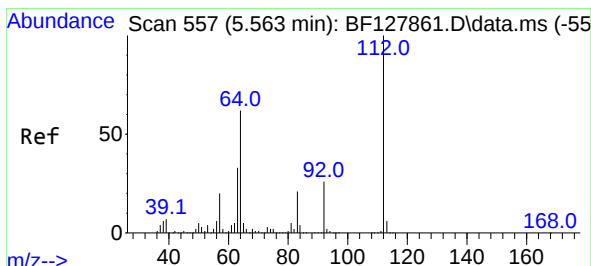
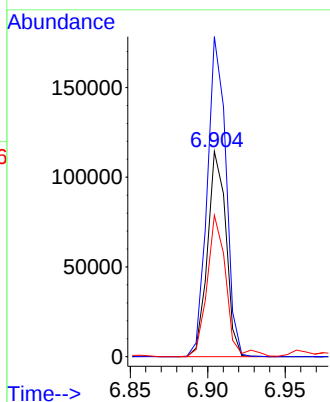
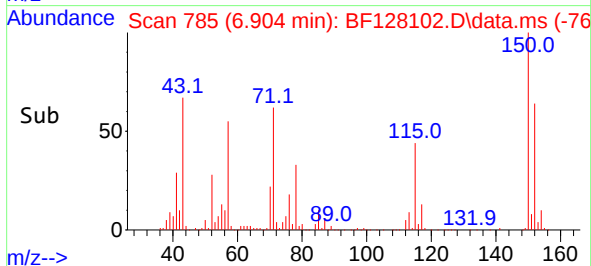
Instrument :
BNA_F
ClientSampleId :
07



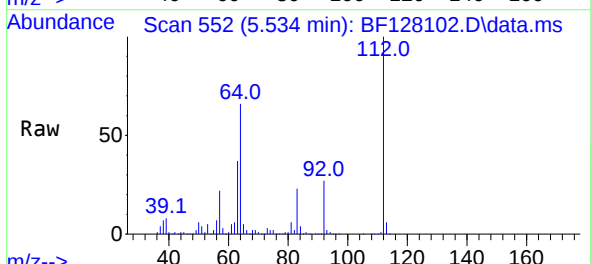
Tgt Ion:152 Resp: 94754
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 68.9 48.8 73.2

Manual Integrations
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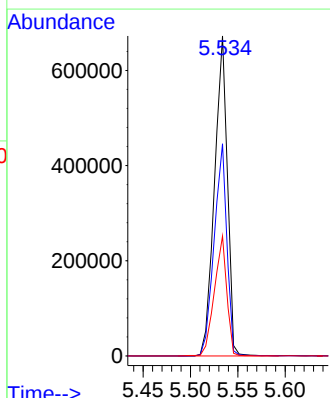
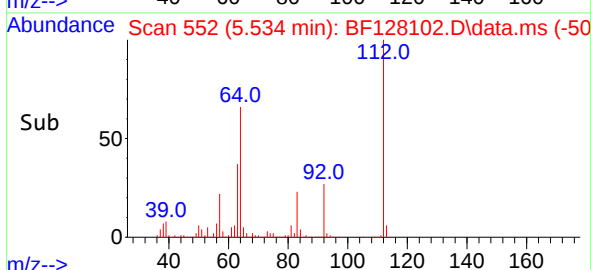
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



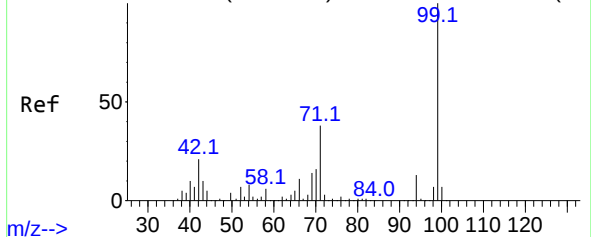
#5
2-Fluorophenol
Concen: 106.698 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54



Tgt Ion:112 Resp: 634743
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 37.5 26.3 39.5



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 110.092 ng

RT: 6.534 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

Instrument :

BNA_F

ClientSampleId :

07

Tgt Ion: 99 Resp: 849818

Ion Ratio Lower Upper

99 100

42 22.4 16.6 24.8

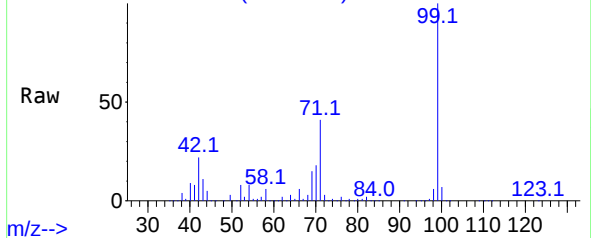
71 40.7 30.0 45.0

Manual Integrations

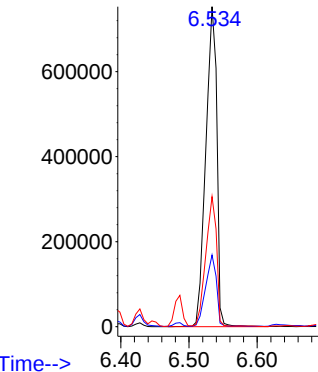
APPROVED

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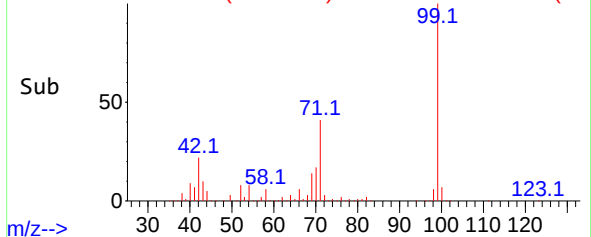
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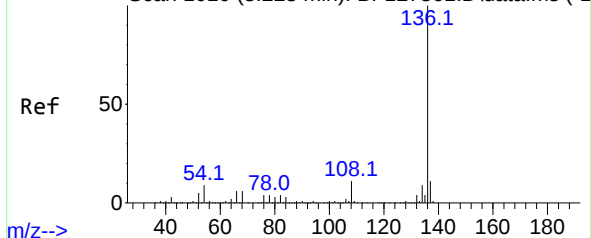
Abundance



Abundance Scan 722 (6.534 min): BF128102.D\data.ms (-67



Abundance Scan 1010 (8.228 min): BF127861.D\data.ms (-1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

Tgt Ion:136 Resp: 375897

Ion Ratio Lower Upper

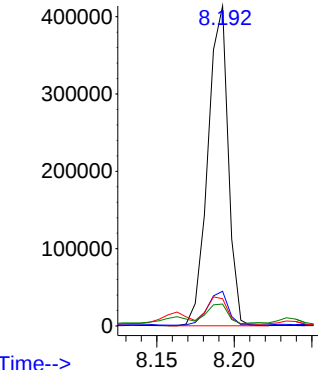
136 100

137 10.9 8.6 13.0

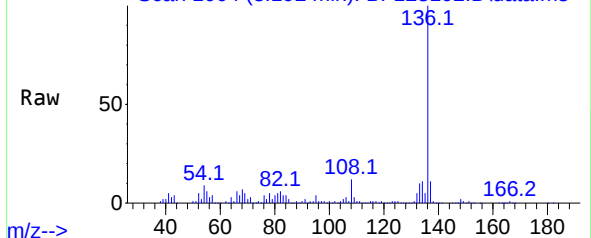
54 8.5 6.8 10.2

68 6.9 5.1 7.7

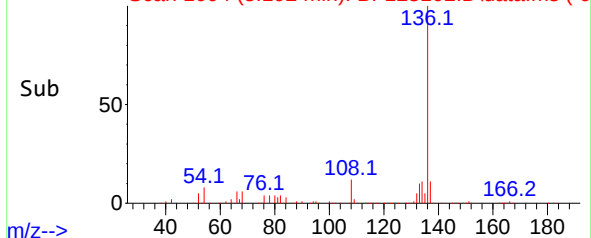
Abundance



Abundance Scan 1004 (8.192 min): BF128102.D\data.ms



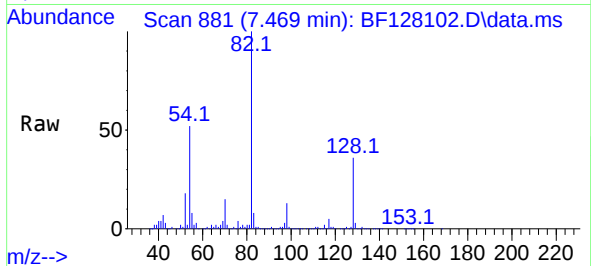
Abundance Scan 1004 (8.192 min): BF128102.D\data.ms (-9





#23
Nitrobenzene-d5
Concen: 75.641 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

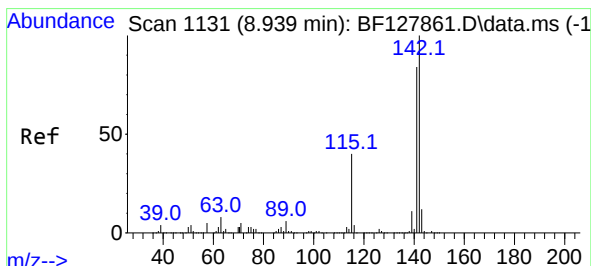
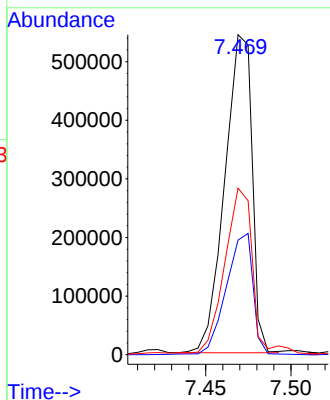
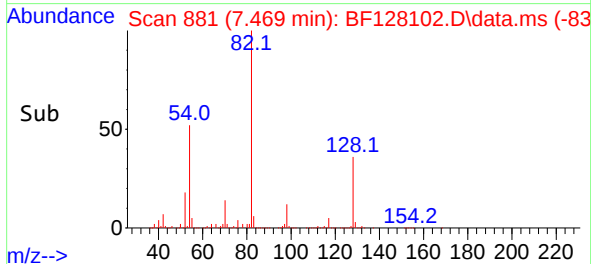
Instrument :
BNA_F
ClientSampleId :
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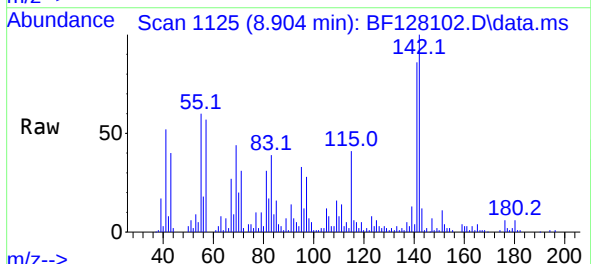
Tgt Ion: 82 Resp: 604650
Ion Ratio Lower Upper
82 100
128 35.8 30.0 45.0
54 52.0 41.3 61.9

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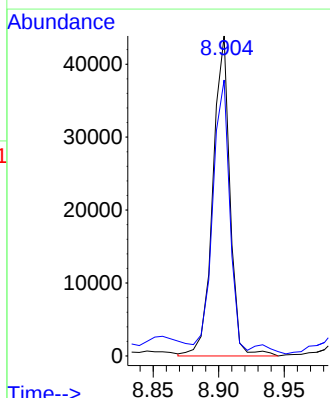
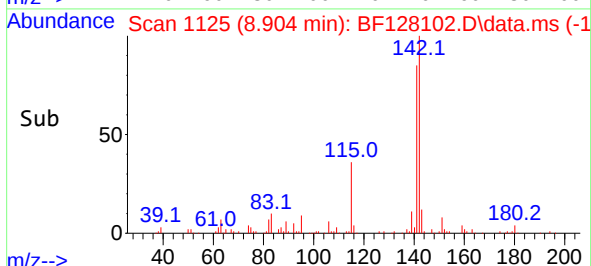
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

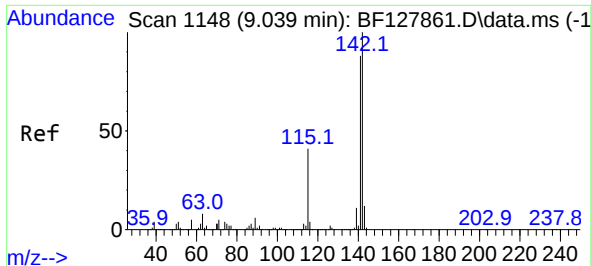


#37
2-Methylnaphthalene
Concen: 3.142 ng
RT: 8.904 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54



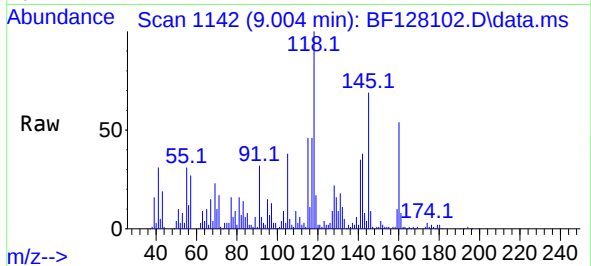
Tgt Ion:142 Resp: 39752
Ion Ratio Lower Upper
142 100
141 86.3 67.4 101.2





#38
1-Methylnaphthalene
Concen: 2.469 ng
RT: 9.004 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

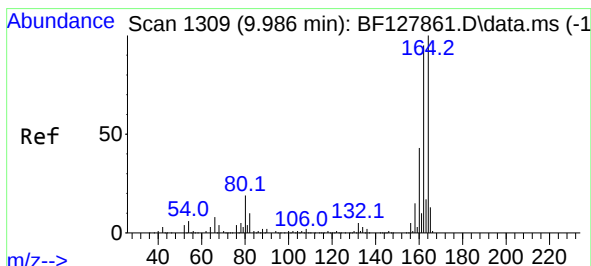
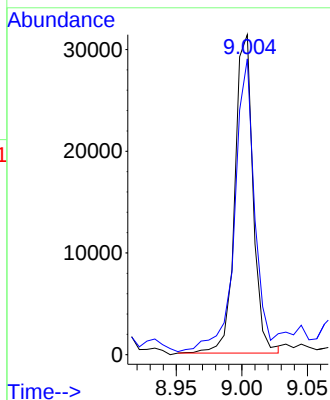
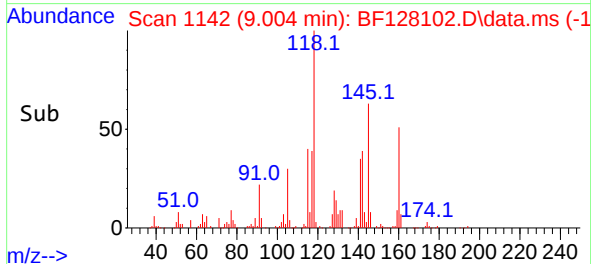
Instrument :
BNA_F
ClientSampleId :
07



Tgt Ion:142 Resp: 30370
Ion Ratio Lower Upper
142 100
141 92.5 70.1 105.1

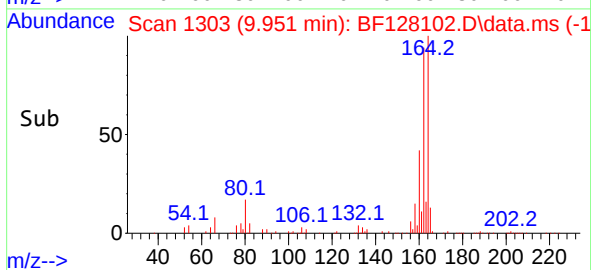
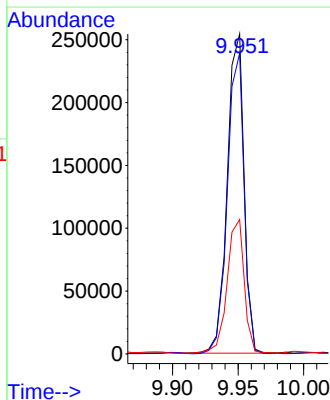
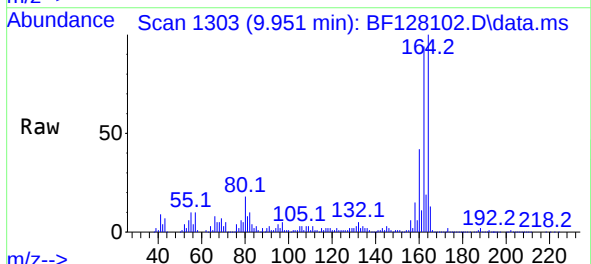
Manual Integrations
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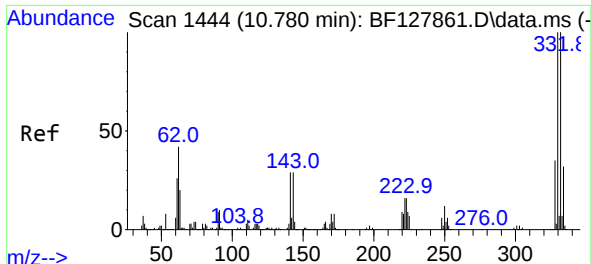
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

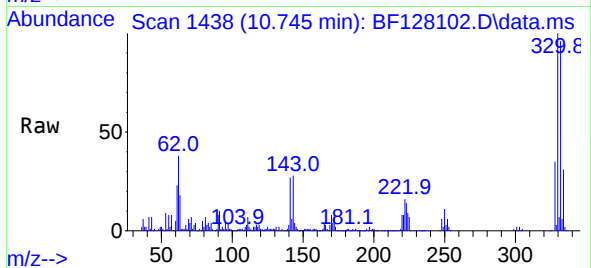
Tgt Ion:164 Resp: 226306
Ion Ratio Lower Upper
164 100
162 94.0 76.0 114.0
160 42.0 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 112.570 ng
RT: 10.745 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

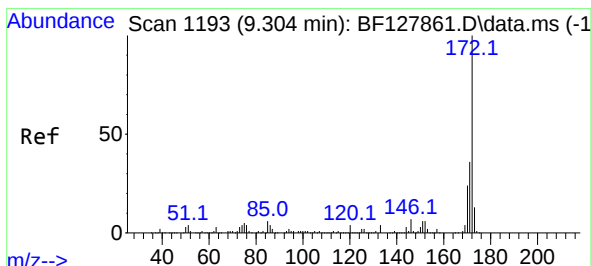
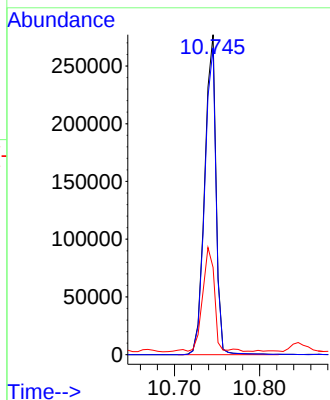
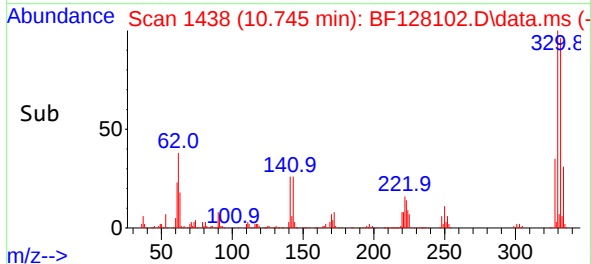
Instrument :
BNA_F
ClientSampleId :
07



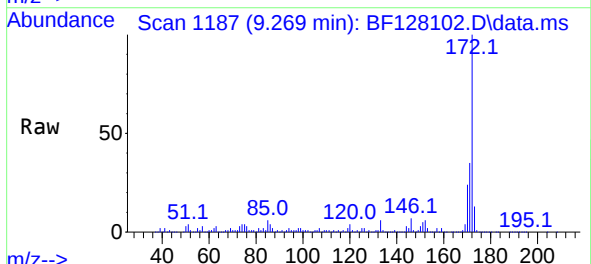
Tgt Ion: 330 Resp: 256452
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 34.0 28.9 43.3

Manual Integrations
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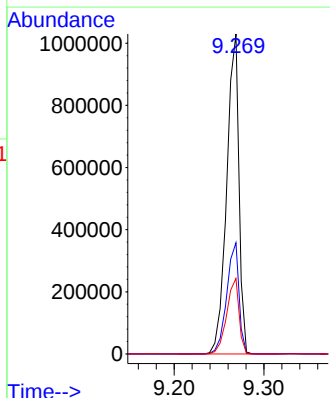
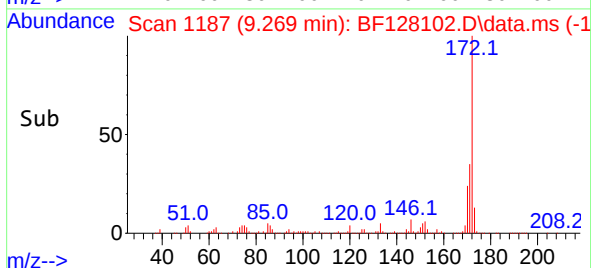
Reviewed By : Christian Giraldo 05/06/2022
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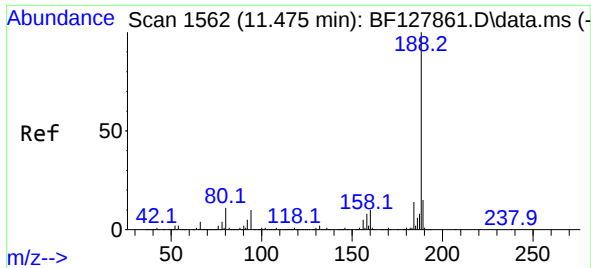


#45
2-Fluorobiphenyl
Concen: 73.055 ng
RT: 9.269 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54



Tgt Ion: 172 Resp: 977260
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.1 28.7





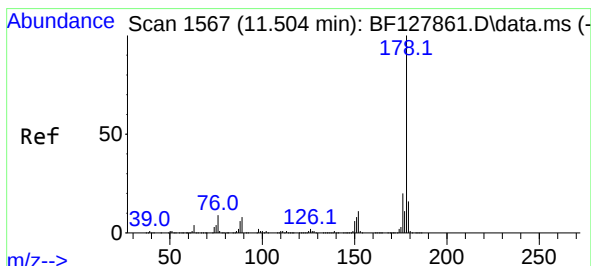
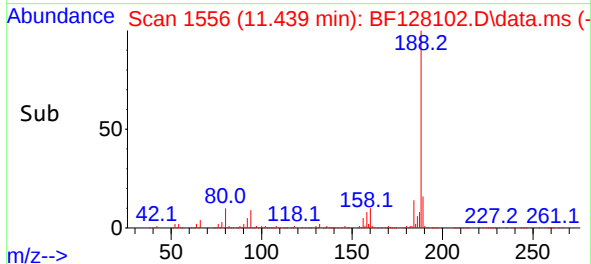
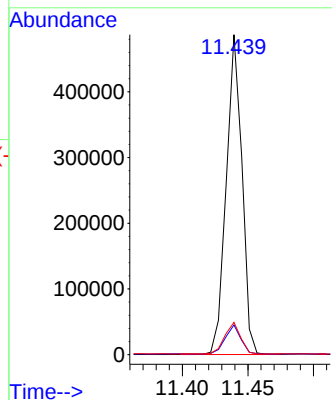
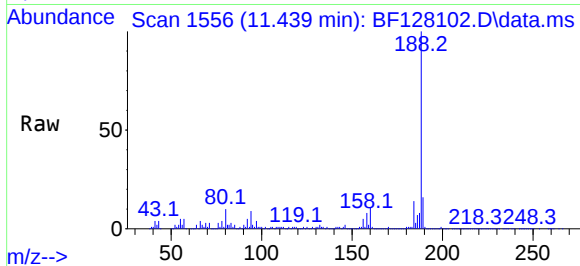
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11439
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 404770
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.1 8.9 13.3

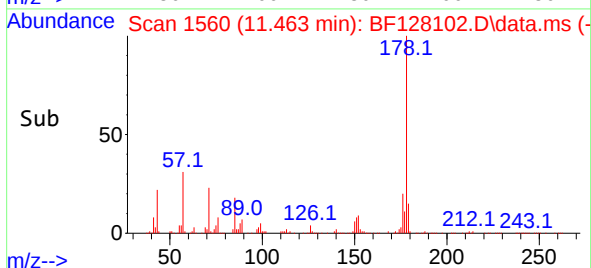
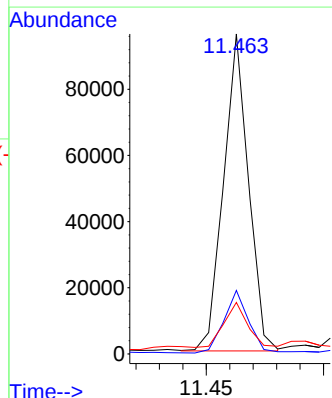
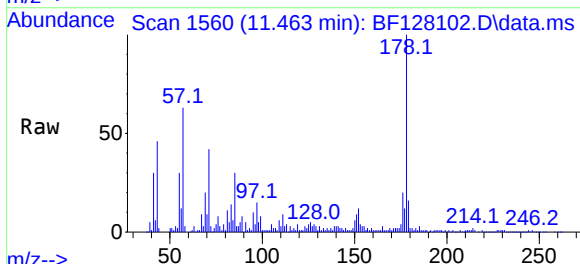
Manual Integrations
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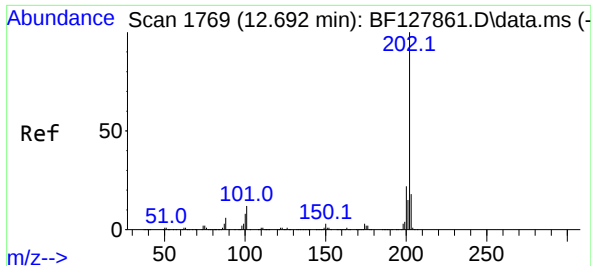
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#71
Phenanthrene
Concen: 3.339 ng m
RT: 11.463 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

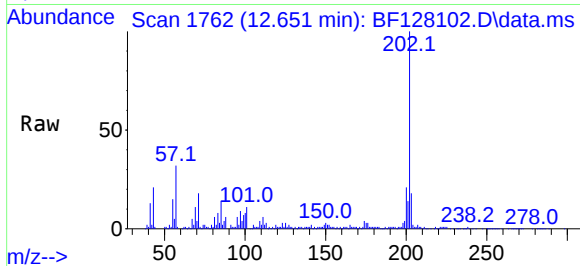
Tgt Ion:178 Resp: 70746
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.1 12.6 19.0





#75
Fluoranthene
Concen: 4.232 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

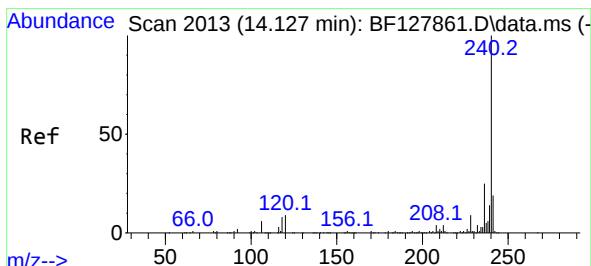
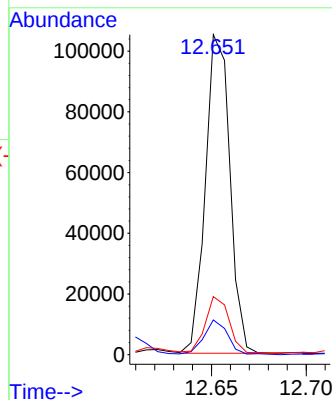
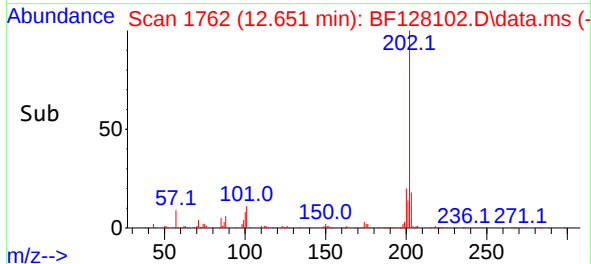
Instrument :
BNA_F
ClientSampleId :
07



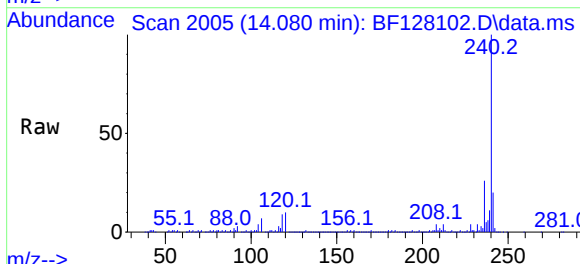
Tgt Ion:202 Resp: 94364
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 18.1 0.0 38.1

Manual Integrations
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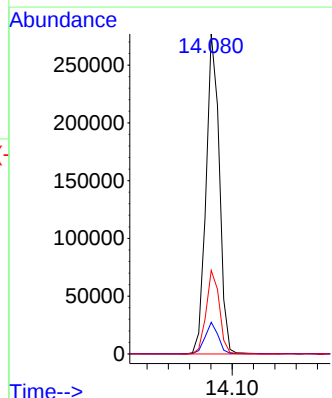
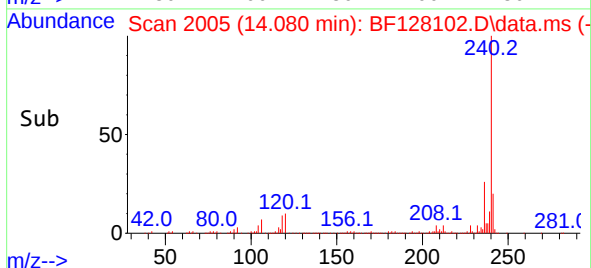
Reviewed By :Christian Giraldo 05/06/2022
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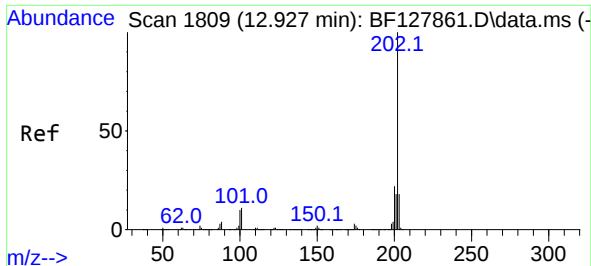


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54



Tgt Ion:240 Resp: 241385
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.1 20.3 30.5





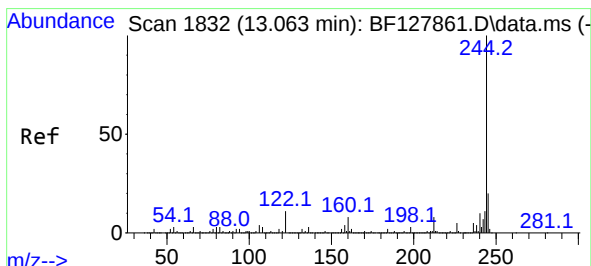
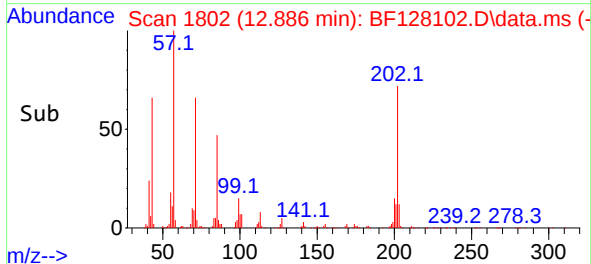
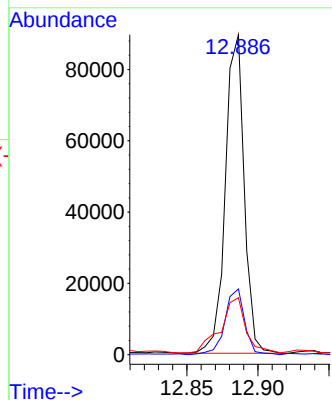
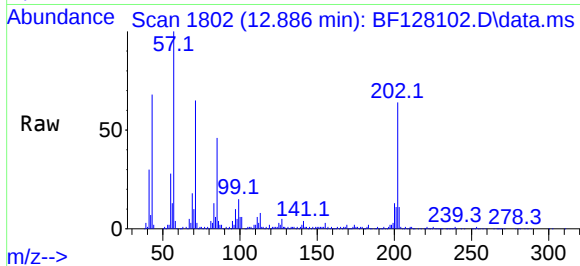
#78
Pyrene
Concen: 4.219 ng
RT: 12.886 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Instrument :
BNA_F
ClientSampleId :
07

Tgt Ion:202 Resp: 8220
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.8 14.0 21.0

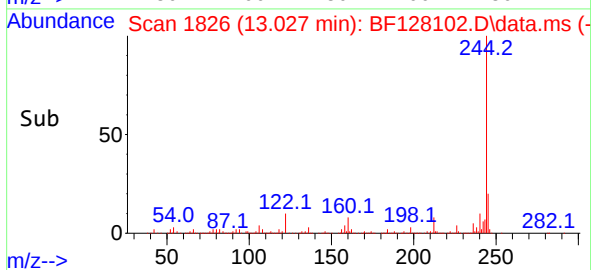
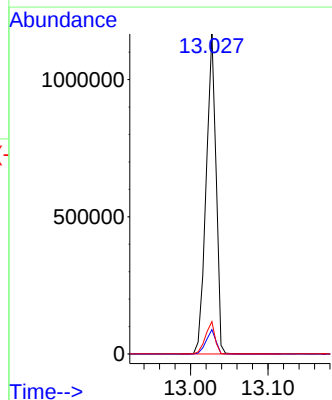
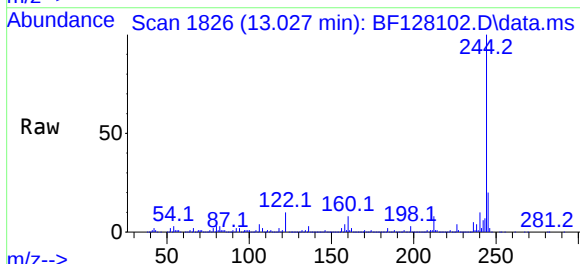
Manual Integrations
APPROVED

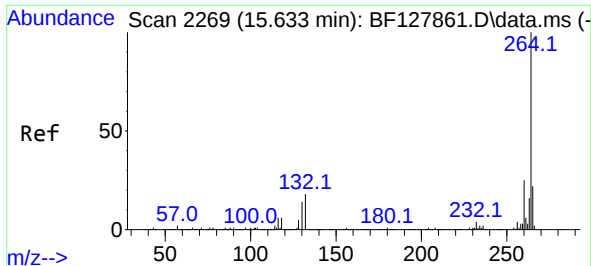
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#79
Terphenyl-d14
Concen: 78.247 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

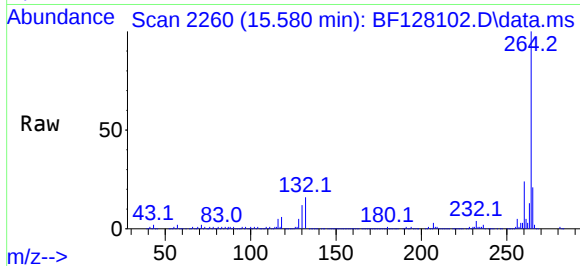
Tgt Ion:244 Resp: 1032923
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.1 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21298
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

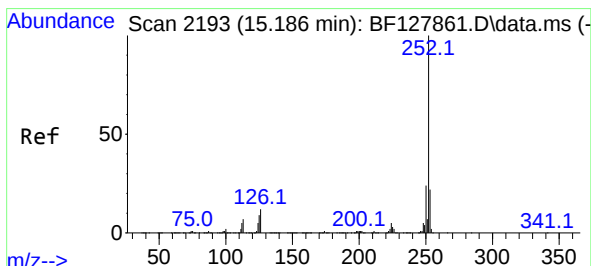
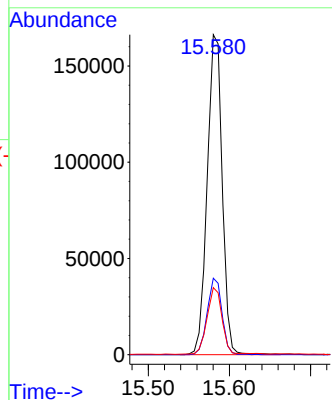
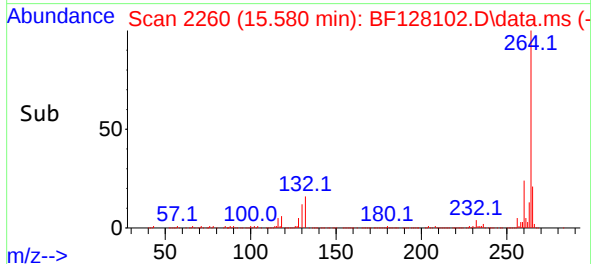
Instrument :
BNA_F
ClientSampleId :
07



Tgt Ion:264 Resp: 21298
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 20.9 17.5 26.3

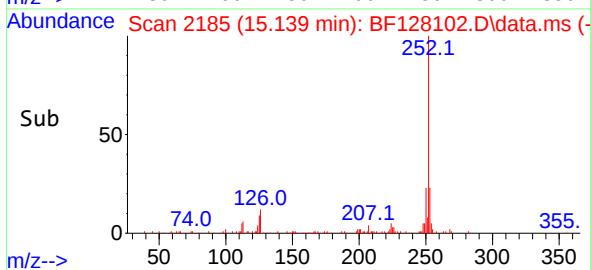
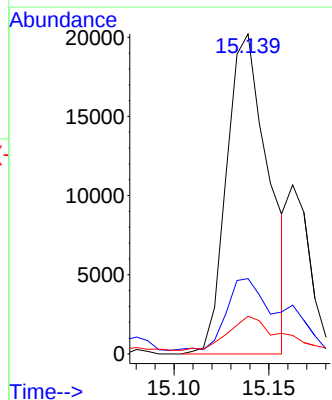
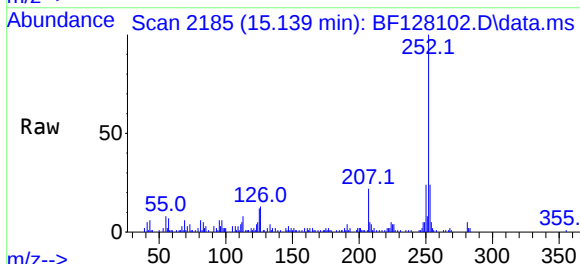
Manual Integrations
APPROVED

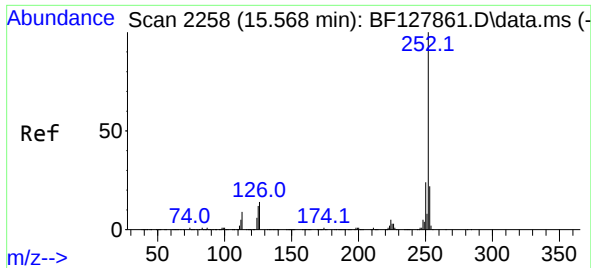
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#88
Benzo(b)fluoranthene
Concen: 2.321 ng m
RT: 15.139 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

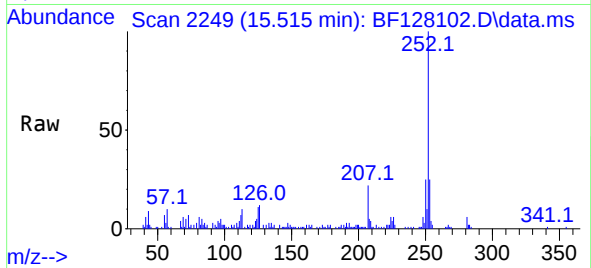
Tgt Ion:252 Resp: 31049
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 11.8 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.057 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Instrument :
BNA_F
ClientSampleId :
07



Tgt Ion: 252 Resp: 2282

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	11.1	9.2	13.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/06/2022
Supervised By : mohammad ahmed 05/09/2022

